NITFS
Compliance Registration

Product: SOCET GXP ® version 3.0.2

Sponsor: BAE Systems

Developer: BAE Systems

Date: 03 June 2009
Expiration: 02 June 2011
Registration #: 2067

☐ Initial Registration
☑ Supplemental/Update # 2059
☐ Derived from Reg. #

☐ **System** N-0105/98, §4.1.1

☑ **Product** N-0105/98, §4.1.2

☐ **Component** N-0105/98, §4.1.3

Complexity Level

NITF 2.1 CLEVEL

		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- T9300/Intel Core 2 Duo (Windows XP, VISTA)
- Sunblade 2000 (Solaris 8)

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF
- ● ● 2.1
- ● ● 2.0
- ○ ● 1.1

NSIF
- ● ● 1.0

Pixel Value Types
- ● ● Boolean
- ● ● Integer
- ● ○ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ● ○ Bit Mapped **
- ● ● CGM, 2301
- ◎ ● CGM, 2301A
- ● ○ Labels **

Text Segments
- ● ● STA
- ● ○ UT1
- ○ ○ U8S
- ◎ ○ MTF

Image Segment Types
- ● ● MONO
- ● ● RGB
- ◎ ○ RGB/LUT
- ● ● YCbCr
- ● ● MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ● ● No compression
- ● ● JPEG Lossy, 8-bit
- ● ● JPEG Lossy, 12-bit
- ● ○ JPEG Downsample
- ● ○ JPEG Lossless
- ● ○ JPEG 2000
- ● ● Bi-Level
- ◎ ○ Vector Quantization

Data Extension Segments
- ● ○ TRE_OVERFLOW
- ◎ ○ STREAMING_FILE_HEADER
- ● ◎ Controlled Extensions **
- ○ ○ Registered Extensions **

Tagged Record Extensions
- ◎ ◎ ASDE
- ◎ ◎ CSDE
- ○ ○ DIGEST
- ◎ ◎ NCDRD/NNDDD
- ◎ ○ NSDE
- ● ● PIAE
- ● ● RPF
- ● ● IOMAPA
- ● ● HISTOA
- ● ● NBLOCA
- ◎ ● J2KLRA

Legend

Interpret / Generate	
● ●	Fully implemented
◎ ◎	Partially implemented
○ ○	Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

Lt. Col Baker, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program